INDEX

Page

Abbreviations
- Scientific and Technical Terms ---- 252
- Standard Lumber Terms ---- 254

Acid Proofing of Wood ---- 120

Acknowledgments ---- 308

Anderson, Nils
- Membership Committee ---- 2
- Organizational Committee ---- 178

Aspects of Kiln Design ---- 147

Asplund Process
- See: Whole Wood Fibre Manufacture ---- 7

Associated Forest Products Technicians—Conversion to Pacific Northwest Section, FPRS ---- 188

Association, Articles of ---- 226

Attendance List—First National Meeting ---- 168

Baker, William J.
- Appointed Secretary-Treasurer ---- 180
- Resignation as Secretary-Treasurer ---- 210
- Organizational Committee ---- 178, 180
- Review of *Passage of Liquids, Vapors, and Dissolved Materials Through Softwoods* ---- 194

Banquet Program ---- 95

Behr, E. A.
- Discussion of J. A. Vaughan's Paper ---- 108

Belcher, R. S.
- Discussion of P. D. Brentlinger's Paper ---- 116

Bescher, R. H.
- Acid Proofing of Wood ---- 120
- Discussion Ditto ---- 123
- Discussion of J. H. Vaughan's Paper ---- 108

Blomquist, R. F.
- Postwar Developments in Woodworking Glues 74

Brentlinger, P. D.
- The Use of Treated Car Lumber by the Railroads ---- 110

Brouse, Don
- Postwar Developments in Woodworking Glues 74

Bull, Norman G.
- Discussion of Robert J. Seidl's Paper ---- 32

By-Laws ---- 226

Canadian Forest Products Laboratories ---- 204

Carney, C. J., Jr.
- Developments in the Postwar Packaging Field 63

Page

Certain Problems in the Field of Lignin Chemistry ---- 16

Characteristics and Related Toxicity of Hydrocarbon Oils ---- 102

Chemical Utilization of Wood and Integrated Logging (Technical Session I) ---- 6

Chesley, Kenneth G.
- Elected Regional Board Member ---- 180
- Organization Committee ---- 178, 180
- Recorder Technical Session I ---- 6

Cockrell, Robert A.
- Elected Regional Board Member ---- 180
- Organizational Committee ---- 178

Colgan, Richard A., Jr.
- Banquet Speaker ---- 95

Committees
- Program ---- 2
- Chicago Meeting ---- 2, 166
- Chicago Accommodations ---- 2
- Signs and Art Work ---- 2
- Publications ---- 2, 166
- Abstracting ---- 2, 165
- Membership ---- 2
- Organizational ---- 178

Corti, M. A.
- Tungsten Carbide Use in the Woodworking Industry ---- 151
- Discussion, ditto ---- 153

Courtenay, Erskine H.
- Something New in Functional Furniture ---- 67

Crosby, Harold S.
- Discussion of L. P. Keith's Paper ---- 51
- Organizational Committee ---- 178, 180

Developments in the Postwar Packaging Field ---- 63

Dietz, Albert G. H.
- Progress in Wood Construction ---- 53

Directories
- Advertisers ---- 310
- Alphabetical Membership Directory ---- 294
- Geographical Membership Directory ---- 259
- Supporting Members ---- 259
- Officers ---- 1, 259

Duncan, H. R.
- Discussion of P. D. Brentlinger's Paper ---- 117

Dunlap, M. E.
- Discussion of Clarence W. Farrier's Paper ---- 61

INDEX

Page

Abbreviations
- Scientific and Technical Terms ---- 252
- Standard Lumber Terms ---- 254

Acid Proofing of Wood ---- 120

Acknowledgments ---- 308

Anderson, Nils
- Membership Committee ---- 2
- Organizational Committee ---- 178

Aspects of Kiln Design ---- 147

Asplund Process
- See: Whole Wood Fibre Manufacture ---- 7

Associated Forest Products Technicians—Conversion to Pacific Northwest Section, FPRS ---- 188

Association, Articles of ---- 226

Attendance List—First National Meeting ---- 168

Baker, William J.
- Appointed Secretary-Treasurer ---- 180
- Resignation as Secretary-Treasurer ---- 210
- Organizational Committee ---- 178, 180
- Review of *Passage of Liquids, Vapors, and Dissolved Materials Through Softwoods* ---- 194

Banquet Program ---- 95

Behr, E. A.
- Discussion of J. A. Vaughan's Paper ---- 108

Belcher, R. S.
- Discussion of P. D. Brentlinger's Paper ---- 116

Bescher, R. H.
- Acid Proofing of Wood ---- 120
- Discussion Ditto ---- 123
- Discussion of J. H. Vaughan's Paper ---- 108

Blomquist, R. F.
- Postwar Developments in Woodworking Glues 74

Brentlinger, P. D.
- The Use of Treated Car Lumber by the Railroads ---- 110

Brouse, Don
- Postwar Developments in Woodworking Glues 74

Bull, Norman G.
- Discussion of Robert J. Seidl's Paper ---- 32

By-Laws ---- 226

Canadian Forest Products Laboratories ---- 204

Carney, C. J., Jr.
- Developments in the Postwar Packaging Field 63

Page

Certain Problems in the Field of Lignin Chemistry ---- 16

Characteristics and Related Toxicity of Hydrocarbon Oils ---- 102

Chemical Utilization of Wood and Integrated Logging (Technical Session I) ---- 6

Chesley, Kenneth G.
- Elected Regional Board Member ---- 180
- Organization Committee ---- 178, 180
- Recorder Technical Session I ---- 6

Cockrell, Robert A.
- Elected Regional Board Member ---- 180
- Organizational Committee ---- 178

Colgan, Richard A., Jr.
- Banquet Speaker ---- 95

Committees
- Program ---- 2
- Chicago Meeting ---- 2, 166
- Chicago Accommodations ---- 2
- Signs and Art Work ---- 2
- Publications ---- 2, 166
- Abstracting ---- 2, 165
- Membership ---- 2
- Organizational ---- 178

Corti, M. A.
- Tungsten Carbide Use in the Woodworking Industry ---- 151
- Discussion, ditto ---- 153

Courtenay, Erskine H.
- Something New in Functional Furniture ---- 67

Crosby, Harold S.
- Discussion of L. P. Keith's Paper ---- 51
- Organizational Committee ---- 178, 180

Developments in the Postwar Packaging Field ---- 63

Dietz, Albert G. H.
- Progress in Wood Construction ---- 53

Directories
- Advertisers ---- 310
- Alphabetical Membership Directory ---- 294
- Geographical Membership Directory ---- 259
- Supporting Members ---- 259
- Officers ---- 1, 259

Duncan, H. R.
- Discussion of P. D. Brentlinger's Paper ---- 117

Dunlap, M. E.
- Discussion of Clarence W. Farrier's Paper ---- 61

MODERN WOOD PRESERVATIVES

A Complete Line of Tested Chemicals for all Wood Preserving Problems

Penta Preservative—Versatile wood preservative, an oil solution, for lumber and wooden structures—controls decay and dry rot, also termites, Lyctus beetles and other insect attack. Equally effective as a soil poison for termites.

Permatox WR—Water repellent preservative for millwork, lumber and plywood—protects against insects as well as controlling decay and mold, and dimensional changes. Leaves clean, paintable surface.

Permatox 10-S—Water soluble chemical, for effective and economical control of sap stain and mold in green lumber, both softwoods and hardwoods.

Permatox B—Effective wood preservative in petroleum solvents, for control of decay, mold and insects in dry wood products. Leaves clean paintable surface.

Lustre-Seal—Synthetic resin for treatment and finishing of floors, furniture, cabinets, sash, interior trim and plywood, etc. Seals and coats the wood, giving a hard, glossy, natural finish, suitable for waxing.

Dowicides—Dowicide G for protection against decay, mold and termite attack in fiberboard and insulating materials. Dowicide H for rain resistant chemical control of sap stain and mold in green lumber.

CHAPMAN

CHAPMAN CHEMICAL COMPANY

333 NORTH MICHIGAN AVENUE, CHICAGO 1, ILLINOIS

NEW YORK MEMPHIS LOS ANGELES NEW ORLEANS PORTLAND HOUSTON SPOKANE CHARLOTTE

Page

T. C. Duvall
Whole Wood Fiber Manufacture ---------- 7
Discussion of ditto ---------- 15

Elmendorf, Armin
Discussion of Heritage and Duvall's Paper--- 15
Discussion of R. J. Seidl's Paper ---------- 31
Discussion of Clarence W. Farrier's Paper--- 61

Engineering Aspects of Wood Use (Technical Session II) ---------- 46

Farrier, Clarence W.
New Engineering Problems in the Design of Wood Prefabricated Homes ---------- 59

Fence Posts: An Untapped Market for the Wood Preserver ---------- 118

The Fifth British Empire Forestry Conference-- 158

Fontanna, S. G.
Banquet Speaker ---------- 95
Organizational Committee ---------- 178

Forest Products Laboratories of Canada-------- 204

Forest Products Laboratories of the World----- 184

Foreign Memberships Accepted ---------- 212

Forest Products Research Society
Election of First Officers ---------- 180
Executive Board Meetings ----------182, 194
Foreign Memberships ---------- 212
Formation of First Section ---------- 188
History of Founding ---------- 178
Incorporation, Articles of Association and By-Laws ---------- 226
Membership Analysis ---------- 186
Membership Progress ---------- 202
Monthly Information Service ---------- 182
Objects and Purposes ---------- 178
Regions, Designation ---------- 232
Style Standards ---------- 246

Friedlin, T. H.
Discussion of P. D. Brentlinger's Paper----- 117

Garratt, George A.
Elected Vice-President ---------- 180
Organizational Committee ----------178, 180
Presiding at Banquet ---------- 95

Germany, Reports on ---------- 208

Gordon, Alan
Discussion of J. B. Welch's Paper --------- 149

Gottschalk, Fred W.
Banquet Speaker ---------- 95
Business Meeting ---------- 165
Elected President ---------- 180
Opening of Meeting ---------- 5
Organizational Committee ----------178, 180

Page

Grondal, Bror L.
Chairman: Technical Session III ---------- 96
Elected Past Chairman ---------- 180
Organizational Committee ----------178, 180

Hall, J. Alfred
Integrated Utilization—Research Task ------ 33
Discussion of E. L. Patton's Paper --------- 22

Hamilton, James F.
Chairman: Technical Session II ---------- 46
Elected Regional Board Member ---------- 180
Organizational Committee ----------178, 180

Hammond, R. N.
Organizational Committee ----------178, 180
Chairman Pacific Northwest Section -------- 188

Harris, Glen P.
Discussion of Brouse and Blomquist's Paper-- 86

Hayes, Ralph W.
Organizational Committee ---------- 178

Heald, Henry T.
Banquet Speaker ---------- 95

Hemming, Charles B.
Discussion of R. J. Seidl's Paper ---------- 31
Discussion of Jac. H. Tigelaar's Paper------ 94
Discussion of R. H. Bescher's Paper-------- 123
Discussion of M. A. Corti's Paper---------- 153
Organizational Committee ---------- 2
Report of Abstracting Committee ---------- 165

C. C. Heritage
Whole Wood Fiber Manufacture ---------- 7

The History and Activities of the Wood Forum 163

Hudson, Monie S.
Vapor Drying: The Artificial Seasoning of Wood in Vapor of Organic Chemicals---- 124

Hunt, George M.
Discussion of J. Alfred Hall's Paper-------- 37
The Fifth British Empire Forestry Conference 158
Organizational Committee ----------178, 180

Incorporation ----------166, 226

Influence of Building Codes on Postwar Wood Construction ---------- 47

Isenberg, Irving H.
Discussion of Heritage and Duvall's Paper--- 15

Integrated Utilization—Research Task -------- 33

Kaufert, Frank H.
Discussion of J. A. Vaughan's Paper-------- 107
Report of Publications Committee---------- 166

Keith, L. P.
Influence of Building Codes on Postwar Wood Construction ---------- 47

PROFESSIONAL CARDS

BRANYAN & PETERSON, INC.

Consulting Engineers Serving the Wood Processing Industry

503 So. Second Street
P. O. Box 2573
MEMPHIS, TENNESSEE

METHODS, MACHINERY and EQUIPMENT

BROMLEY FORESTRY AGENCY

Timber Cruising, Land Surveying,
Tree Marking and Planting,
Consulting and Appraisal Services

IRONWOOD, MICHIGAN
Phone 392-W

T. L. DUNBAR

Consultant, Forest Utilization

403 Crescent Bldg.
MONTREAL, CANADA
500 Woolworth Bldg.
WATERTOWN, NEW YORK

ENGINEERING ASSOCIATES, INC.

Mechanical and Chemical Engineering Consultants specializing in product and process development, research, pilot plant investigation and plant and equipment design in wood, modified wood, fiber, molded fiber and plastics.

ST. CHARLES, ILLINOIS

ESSELEN RESEARCH CORPORATION
Consulting Chemists and Chemical Engineers

Chemical Research and Development
857 Boylston Street Boston 16, Mass.

CHAS. T. MAIN, INC.
CONSULTING ENGINEERS
80 Federal St., Boston 10, Mass.

PULP AND PAPER MILLS
Steam, Hydraulic & Electrical Engineering

Process Studies, Design, Specifications and Engineering Supervision. Reports, Consultation, and Valuations

THOMAS R. C. WILSON
Consulting Timber Engineer
1911 Kendall Ave., Madison 5, Wis.

Glued Laminated Timber Construction:—Design, Assembly Problems and Procedures.

Steam Bending and Laminating of Curved Parts.

Inspection of Materials and Structures.

OLIVER MAISCH

Registered Mechanical Engineer
President, Mechanical Products Corporation

168 N. Ogden Ave. Chicago 7, Ill.

Page

Koroleff, A.
Pulpwood Logging Developments in Eastern Canada ---- 43

Lewis, Harry F.
Certain Problems in the Field of Lignin Chemistry ---- 16

Locke, Edward G.
Chairman: Technical Session I ---- 6
Elected Regional Board Member ---- 180
Organizational Committee ---- 178

Loom, A. J.
Discussion of P. D. Brentlinger's Paper ---- 117

Lucas, Broder F.
Organizational Committee ---- 178

McElhanney, T. A.
Banquet Speaker ---- 95

McMillan Process
See: Whole Wood Fiber Manufacture ---- 7

Manufacture of Tight Plywood Cooperage ---- 154

McMillen, J. M.
Discussion of J. B. Welch's Paper ---- 149

Marckworth, Gordon D.
Organizational Committee ---- 178, 180

Markwardt, L. J.
Organizational Committee ---- 178, 180

Masonite Process ---- 15

Members, Classes of ---- 226

In Memoriam ---- 258

Metal to Wood Bonding ---- 87

Modern Techniques for Processing Pine Gum ---- 19

Monthly Bulletins
May 1947 ---- 178
June 1947 ---- 186
July 1947 ---- 194
August 1947 ---- 202
September 1947 ---- 210
October 1947 ---- 218

Morton, C. H.
Discussion of J. A. Vaughan's Paper ---- 108

Necrology ---- 258

New Engineering Problems in the Design of Wood Prefabricated Houses ---- 59

Newins, H. S.
Organizational Committee ---- 178

Otley, V. C.
Discussion of R. H. Bescher's Paper ---- 123

Page

Pacific Northwest Section, Formation of ---- 188

Paper and Plastic Overlays for Plywood ---- 23

Papers
Discussion ---- 256
Editing ---- 256
General: See Style Standards ---- 246
Preprinting ---- 256
Presentation ---- 256
Printing ---- 256
Release to Press ---- 256
Reprinting ---- 256

Passage of Liquids, Vapors, and Dissolved Materials Through Softwoods—Review ---- 194

Patton, E. L.
Modern Techniques for Processing Pine Gum 19

Postwar Developments in Woodworking Glues ---- 74

Present Day Trends in Logging ---- 38

Preservation and Seasoning (Technical Session III) ---- 96

Price, Jay H.
Banquet Speaker ---- 95

Prize Award for Forest Products Thesis ---- 166

Proctor, Phimister B.
Organizational Committee ---- 178
Toast Master ---- 95

Progress in Wood Construction ---- 53

Pulpwood Logging Developments in Eastern Canada ---- 43

Quinn, Don L.
Discussion of C. J. Carney Jr.'s Paper ---- 66

Recent Developments in Wood Finishing ---- 97

Regional Board Members ---- 1
Election ---- 180

Regions
Designation of ---- 182, 260

Rishell, Carl A.
Elected Regional Board Member ---- 180
Organizational Committee ---- 178

Ritchie, John D.
Discussion of R. J. Seidl's Paper ---- 32
Discussion of L. P. Keith's Paper ---- 52

Rozema, Charles E.
Chairman of Symposium on Adhesives ---- 188

Secretary-Treasurer's Report ---- 166

Seidl, R. J.
Paper and Plastic Overlays for Plywood ---- 23

PROFESSIONAL CARDS

THE ORTHMANN LABORATORIES
INC.

AUG. C. ORTHMANN, Pres. & Director

Analysis, Consultation & Research

922 North Fourth St.
MILWAUKEE 3, WIS.
Phones: Daly 6426–27

R. H. RAWSON

Consulting Timber Engineer
YEON BUILDING, PORTLAND 4, OREGON

Design and supervision of construction of timber treating plants. Investigations and reports on treating processes. Inspection of treated and untreated west coast forest products.

Registered Professional Engineer in the States of Oregon and Washington.

SOUTHWESTERN LABORATORIES

Consulting, Analytical Chemists and Testing Engineers

Ft. Worth Dallas Houston
Corpus Christi—Texas

F. B. PORTER, Pres.
J. B. BAIRD, Mgr., Wood Insp. Dept.

H. M. SPAIN & CO.
COMMERCIAL FORESTERS
ESTABLISHED 1910
MEMPHIS, TENN.

Help Keep Our Forests Green

W. BURDETTE WILKINS

Consulting Engineer

Production Machine Design
Special Cutting Problems

245 E. Ridgewood Ave. Ridgewood, N. J.

30 years experience in manufacturing engineering in the Woodworking and Furniture Industry, on

Plant Layout — Wage Incentives
Methods — Costs
Job Evaluation — Inventory Controls
Planning and Scheduling

Consultation Without Obligation

Wood Industries Control Service

203 No. Wabash Ave. Phone Fra. 1055
CHICAGO 1, ILLINOIS

Page

Smith, Arthur L.
Discussion of Jac. H. Tigelaar's Paper 94

Something New in Functional Furniture 67

Sporley, C. M.
Discussion of J. A. Vaughan's Paper 108

Stamm, Edward P.
Present Day Trends in Logging 38

Stern, E. George
Manufacture of Tight Plywood Cooperage 154

Stone, Clarence D.
Secretary-Treasurer, Pacific Northwest Section 188

Style Standards for Forest
Products Research Society Papers 1947–1948 246

Swanson, W. H.
Organizational Committee 178, 180

Sward, G. G.
Recent Developments in Wood Finishing 97

Table-Top Exhibits 167

Tickle, Charles G.
The History and Activities of the Wood
Forum 163

Tigelaar, Jac. H.
Metal to Wood Bonding 87
Discussion ditto 94
Elected Regional Board Member 180
Organizational Committee 178, 180
Recorder: Technical Session III 96

Page

United Nations Mechanical Wood Technology 212

United Nations Wood Chemistry 190

The Use of Treated Car Lumber by the Railroads 110

Vance, H. A.
Banquet Speaker 95
Donor of Award 166

Vapor Drying: The Artificial Seasoning of
Wood in Vapor of Organic Chemicals 124

Vaughan, J. A.
Characteristics and Related Toxicity of Hydro-
carbon Oils 102
Discussion ditto 108

Voting Rights 226, 228

Walters, Charles S.
Fence Posts: An Untapped Market for the
Wood Preserver 118
Discussion of Clarence W. Farrier's Paper 62

Welch, John B.
Aspects of Kiln Design 147

White, Charles H.
Report of Chicago Meeting Committee 166

Whiting, Lawrence H.
Banquet Speaker 95

Whole Wood Fiber Manufacture 7

Wilson, Thomas R. C.
Appointed Secretary-Treasurer 210
Recorder: Technical Session II 46
Secretary-Treasurer's Report 166

Printed in the United States of America

APPLICATION FOR MEMBERSHIP

FOREST PRODUCTS RESEARCH SOCIETY

ADDRESS OF THE SECRETARY-TREASURER
BOX 2010, UNIVERSITY STATION
MADISON 5, WISCONSIN

---------- 194---
(Date)

TO THE EXECUTIVE BOARD:

I hereby apply for membership in the Forest Products Research Society.

☐ SUPPORTING MEMBERSHIP:

Organization or individual ----------
(Type or Print)

Designated representative ----------

Title or occupation ----------

Organization ----------

Nature of business ----------

Street address ----------

City---------- Zone-------- State----------

☐ VOTING MEMBERSHIP:

Individual ----------
(Type or Print)

Title or occupation ----------

Organization ----------

Nature of business ----------

Street address ----------

City---------- Zone-------- State----------

☐ ASSOCIATE MEMBERSHIP:

Individual ----------
(Type or Print)

Title or occupation ----------

Organization ----------

Nature of business ----------

Street address ----------

City---------- Zone-------- State----------

Please enclose check or money order for dues made out to
FOREST PRODUCTS RESEARCH SOCIETY